

Federal Public Key Infrastructure Policy Authority (FPKIPA)

Minutes of the 14 June 2005 Meeting

GSA; 1800 F Street; Room 5141A; Washington, DC

A. AGENDA

- 1) Welcome & Opening Remarks / Introductions
- 2) Discussion / Vote on Minutes from 10 May 2005 meeting
- 3) Report on TLI Workshop & Trade Policy Meeting / Wrap Up Citizenship Issue
- 4) FPKI Certificate Policy Working Group (CPWG) Reports
- 5) FPKI Operational Authority (FPKI OA) Report
- 6) Final Meeting Items
- 7) Adjourn Meeting

B. ATTENDANCE LIST

VOTING MEMBERS

Organization	Name	Email	Telephone
Department of Commerce (NIST)	Polk, Tim	tim.polk@nist.gov	301-975-3348
Department of Defense	Hanko, Dave	djhanko@missi.ncsc.mil	410-854-4900
Department of Energy	Breland, Mary Ann	maryann.breland@hq.doe.gov	301-903-7245
Department of Health & Human Services	Alterman, Peter	altermap@mail.nih.gov	301-252-8846
Department of Homeland Security	ABSENT		
Department of Justice	Morrison, Scott	scott.k.morrison@usdoj.gov	202-616-9207
Department of State	ABSENT		
Department of the Treasury	Moldenhauer, Michelle	Michelle.moldenhauer@do.treas.gov	
GSA	ABSENT		
NASA	DeYoung, Tice	tdeyoung@hq.nasa.gov	
OMB	ABSENT		
USDA/NFC	Goodwin, Linda	linda.goodwin@usda.gov	504-426-0424
USPTO	Purcell, Art	art.purcell@uspto.gov	571-272-5354

OBSERVERS

Organization	Name	Email	Telephone
NIST	McDowell, Gene	ecmcdowell@adelphia.net	
Department of Homeland Security	Shomo, Larry	shomol@stars-smi.com	202-261-9247
General Services Administration	Duncan, Steve	stephen.duncan@gsa.gov	
EDUCAUSE	Luker, Mark	mluker@educause.edu	
FAA/DOT	Stevens, Anthony	anthony.stevens@faa.gov	
FICC Support (FC Business Systems)	Petrick, Brant	brant.petrick@gsa.gov	202-208-4673
FAA Support (BCI)	Chappell, Jamie	jamie.ctr.chappell@faa.gov	
FPKI OA (Mitretek)	Tate, Darron	darron.tate@mitretek.org	703-610-1905
FPKI OA (Mitretek)	Stern, Michael	michael.stern@mitretek.org	703-610-1530
KPMG	Faut, Nathan	nfaut@kpmg.com	

C. MEETING ACTIVITY

Agenda Items 1 & 2

Welcome & Opening Remarks / Introductions

Discussion / Vote on Minutes from 10 May 2005 meeting

This meeting took place at the GSA Central Office Building, 1800 F Street, Washington, DC in Room 5141A. Dr. Peter Alterman, Department of Health & Human Services (HHS) and FPKIPA Chair, called the meeting to order at 9:57 a.m. with attendee introductions.

The following table shows the approval vote for the 10 May 2005 FPKIPA meeting minutes.

Approval vote for FPKIPA 10 May 2005 meeting minutes			
Voting members	Vote (Motion – NASA; 2 nd – DOC)		
	Yes	No	Abstain
Department of Commerce	X		
Department of Defense	X		
Department of Energy	X		
Department of Health & Human Services	X		
Department of Homeland Security	ABSENT – did not vote		
Department of Justice	X		
Department of State	ABSENT – did not vote		
Department of the Treasury	X		
GSA	ABSENT – did not vote		
NASA	X		
OMB	ABSENT – did not vote		
USDA/NFC	X		
USPTO	X		

Agenda Item 3

Report on TLI Workshop & Trade Policy Meeting / Wrap Up Citizenship Issue – Mr. Tim Polk

Per requirements in the FBCA CP, all trusted roles shall be U.S. citizens. Because of this requirement, we had issues trying to cross-certify with the Government of Canada as well as other external entities. After 14 months of work, there was a government only meeting made up of FPKIPA members to resolve this FPKI issue. There was also an ad-hoc follow-up meeting with the U.S. trade policy lawyers. A change proposal was emailed to the FPKIPA members to review. We needed concrete Trust, Loyalty, and Integrity (TLI) requirements. The following is what came out of these meetings. For federal agency PKIs, people holding trusted roles must be U.S. citizens. For external PKIs (rudimentary and basic levels of assurance), U.S. citizenship is disregarded. For external PKIs (medium level of assurance and above), citizenship of the trusted roles constitutes where the CA is located.

We created two new policies, Medium Commercial Best Practices (CBP) and Medium Hardware (HW) CBP. There are no citizenship requirements for these two new policies. The Medium CBP satisfies E-Authentication Level 3, and the Medium HW CBP satisfies E-Authentication Level 4. Medium HW requires the use of smart cards.

For federal agency PKIs, trusted roles require a top-secret security clearance. A standard NACI is required for the other entities (e.g. 3 years verification for residence, 5 years verification for education, law enforcement and credit checks required).

Citizenship has trade implications; that is why an ad-hoc meeting was set-up with the U.S. trade policy lawyers. These lawyers represented the following government agencies: Commerce, Defense, Justice, State, General Services Administration, Health & Human Services, and NASA. Trade agreements can't discriminate against citizenship. Our current FBCA CP is discriminatory and needed to be fixed. The U.S. trade policy lawyers didn't have a problem with our new policies, except for the High Assurance Level. Their opinion was to either reserve the High Assurance Level for government agencies or to create a policy for High Assurance CBP. The federal agencies represented at this meeting decided to reserve High Assurance for government agency use.

Agenda Item 4

FPKI Certificate Policy Working Group (CPWG) Report – Mr. Tim Polk

The Medium HW policy is designed to meet the E-Authentication Level 4 requirements. We have one FBCA CP change proposal (2005-02) to discuss and vote on with one set of edits that need to be incorporated. Added a Medium HW level of assurance to the FBCA CP, so now we'll have five levels of assurance. We added two new policies for the Medium CBP and the Medium HW CBP to the FBCA CP. We will also need to obtain two new OIDs for the Medium CBP and the Medium HW CBP. This change proposal also includes revised language for TLI.

The following table shows the approval vote on FBCA CP Change Proposal 2005-02.

Approval vote for the FBCA CP Change Proposal 2005-02			
Voting members	Vote (Motion – DOC; 2nd – USPTO)		
	Yes	No	Abstain
Department of Commerce	X		
Department of Defense	X		
Department of Energy	X		
Department of Health & Human Services	X		
Department of Homeland Security	ABSENT – did not vote		
Department of Justice	X		
Department of State	ABSENT – did not vote		
Department of the Treasury	X		
GSA (proxy from Mr. David Temoshok)	X		
NASA	X		
OMB	ABSENT – did not vote		
USDA/NFC	X		
USPTO	X		

We held a discussion on the Wells Fargo policy mapping exercise. Wells Fargo wants to come-in at the E-Authentication Level 3 for business with the government. The Wells Fargo citizenship of the Local Registration Authority (LRA) does not comply with our requirements. We finished policy mapping the Wells Fargo CPS/CP against the FBCA CP. We can bring Wells Fargo in at the Basic level of assurance, which corresponds to the E-Authentication level 3. A CPWG policy mapping report will be emailed to the FPKIPA members for review and then an email vote will be requested.

We held another discussion on the new FBCA CP (RFC 3647 format). Our current FBCA CP complies with the RFC 2527 format. We've rewritten our FBCA CP to comply with RFC 3647. We've broken down the requirements to what applies to the FPKI OA, to the entity PKIs, and to all PKIs. We've also removed motherhood statements, and modified mapping matrices tables to the new formatted FBCA CP. The FPKI OA auditor has reviewed the new FBCA CP and stated that the FPKI OA will remain in compliance. We will distribute new mapping matrices to all the Federal agencies that are cross-certified with the FBCA. Federal agencies will need to verify via self-assertion that they comply with the new FBCA CP requirements and the new mapping matrices. We need to discuss the appropriate procedures when an agency should rewrite their CP to the new format. We should all move to the new policy by the end of the summer.

Dr. Peter Alterman, Chair of the FPKIPA took an action item: to draft a memo to the Federal Identity Credentialing Committee (FICC), to the CIO Council, to the OMB, and to the Government Computer News to advise any federal agencies that may want to cross-certify with the FBCA so they can meet the OMB deadline to cross-certify with the FBCA by 31 December 2005.

Currently, there is no requirement for agencies to rewrite their CP to the new CP format. However, if an agency needs to update their CP, that agency should conform to the new CP format.

The DoD CP has been revised to the 3647 format. We need to map them against the new mapping matrices. By September 2005, we'll use the new mapping matrices for FBCA cross-certification submittals.

Action item for all FPKIPA members: review the new FBCA CP and provide us with any comments and/or issues you might have. We'll call for a vote to approve the new FBCA CP at the FPKIPA meeting in August.

Agenda Item 5

Federal PKI Operational Authority (FPKI OA) Report – Mr. Darren Tate

Should finish installing an air conditioning unit by 30 June 2005.

Conducting contingency plan until the end of June. Would like to fail-over to hot site, then do a transition plan.

Have finished cross certification technical testing (31 March 2005) with the GPO.

The FPKI OA issued a FBCA cross-certificate to the DHS CA and the USPTO CA on 1 June 2005.

USDA/NFC conducted key-rollover last month. The FPKI OA posted a new CA certificate in the FPKI directory.

The National Park Services received a certificate from our E-Governance CA at Level 2. The National Park Services thought they should receive an application certificate. The FPKI OA will need to look into this issue.

A meeting is scheduled later this week to issue a one-way cross certificate with Wells Fargo for technical interoperability testing. Have not started technical interoperability testing with the Boeing Company. There have been no communications with them. The Boeing Company will have their compliance audit completed in the August timeframe.

The FPKI OA received an official document from the DoD annual compliance audit. Last we heard, the DoD ECA MOA has not been signed. The DoD will issue certificates to their business partners mapped at the medium level of assurance. Technical interoperability testing with the DoD ECA has been completed.

The FPKI OA needs an updated MOA from NASA with point-of-contacts. **Mr. Darren Tate took an action item to email the request to Dr. Tice DeYoung.**

We still don't have an MOA for the DOE. Ms. Mary Ann Breland has not seen it either. **We created an action for Ms. Cheryl Jenkins to help find the DOE MOA.**

We received an MOA from the DOL. **Dr. Peter Alterman will take an action item to contact them.**

Agenda Item 6

Final Meeting Items

Mr. Tice DeYoung informed the FPKIPA members via email and at this meeting that NASA is going to move their on-line CA to a Department of Treasury site, transition the on-line CA to a back-up CA, turn-off the NASA PKI CA, and then have the Department of Treasury archive the hardware and the software for NASA. NASA will contract to the Department of Treasury under the Shared Service Provider umbrella for PKI services. The FPKIPA needs to respond to this request within 30 days, so a vote can be taken.

NIST drafted a Common Policy CP at the High Assurance Level. NIST made eight changes to the current Common Policy. **Mr. Tim Polk will take an action item to draft a Common Policy Change Proposal and provide it to the FPKIPA members for a discussion and vote at the next FPKIPA meeting in July.**

Dr. Peter Alterman received an SAIC email as well as a phone call from SAIC to cross-certify SAICs internal PKI with the FBCA at the medium level of assurance as an external entity. Mr. Alterman provided links to SAIC to download pertinent documentation.

The Government of Canada called into the FPKI CPWG meeting on 6 June 2005 to renew interest in cross-certifying with the FBCA. There will be a meeting in Ottawa later this month. Ms. Judith Spencer is leading this initiative. The EPA, USPTO, and NASA are interested parties in doing business with the Government of Canada.

Mr. Scott Morrison reported that the DOJ got authority to operate a 300-user PKI pilot with smart card login to the network and encrypting email.

Dr. Peter Alterman took an action item to draft a press release for the resolution of the TLI issue.

The next FPKIPA Meeting is scheduled for 12 July 2005 (9:30 AM to 12:30 PM) at the GSA Central Office Building located at 1800 F Street, Room # 5141B, Washington, DC.

Agenda Item 7

Adjourn Meeting

The meeting adjourned at 11:35 a.m.

D. CURRENT ACTION ITEMS

No.	Action Statement	POC	Start Date	Target Date	Status
048	Solicit participants with a real application to do business with Canada.	Judy Spencer, GSA	10 June 2003	13 Jan 2004 FPKIPA meeting	Open
057	Write a short paper that says from here forward the FBCA OA will limit FBCA acceptance testing to systems that demonstrate enhanced assurance through NIAP testing.	Tim Polk, NIST	8 July 2003 Updated – 9 Sept 2003	9 Dec 2003 FPKIPA meeting	Open
062	Define the NIAP certification requirement for future bridge membrane applications.	Tim Polk, NIST	9 Sept 2003	9 Dec 2003 FPKIPA meeting	Open
066	Develop text for the FPKIPA Charter regarding the sunset clause for voting members of the FPKIPA who are not cross certified members of the FBCA.	Tim Polk, NIST	18 Nov 2003	13 Jan 2003 FPKIPA meeting	Open
085	Test/evaluate the PKCS-12 usage issue and make a recommendation to the FPKIPA at a meeting in the near future.	Tim Polk, NIST	13 July 2004	12 October 2004 FPKIPA meeting	Open
096	Research and draft FPKIPA charter updates to address Bridge-to-Bridge Cross-Certification.	Dr. Tice DeYoung, NASA	12 Oct 2004	Jan 2005 FPKIPA meeting	Open
097	Research and draft FBCA Criteria & Methodology document updates to address Bridge-to-Bridge Cross-Certification.	Dr. Peter Alterman, HHS	12 Oct 2004	Jan 2005 FPKIPA meeting	Open
112	Update their MOA with the FBCA to reflect the new one-way certificate being issue for the period of January 2005 to January 2006.	DoD	11 Jan 2005	28 Feb 2005	Open
113	Prepare and route a new Letter of Authorization from the FPKIPA to the FPKI OA for this new one-way cross-certificate for the DoD PKI for the period of January 2005 to January 2006.	Mark Lentz, Booz Allen Hamilton	11 Jan 2005	31 Jan 2005	Open
131	Develop a Compliance Audit Report paper on this issue and report to the FPKIPA at the 14 June FPKIPA meeting.	Cheryl Jenkins, GSA Dave Hanko, DoD	12 Apr 2005	14 June 2005 FPKIPA meeting	Open

No.	Action Statement	POC	Start Date	Target Date	Status
132	The FBCA TWG will be tasked with determining the LOE and cost necessary to post the Common Policy CA certificate in the root store cache leading email vendor products and report their findings at a future FPKIPA meeting.	Cheryl Jenkins, GSA	12 Apr 2005	14 June 2005 FPKIPA meeting	Open